



Complete Summary

TITLE

Diagnosis and initial treatment of ischemic stroke: percentage of patients who were screened for dysphagia before taking any food, fluids or medication (including aspirin) by mouth.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and initial treatment of ischemic stroke. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Jun. 63 p. [168 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of patients with ischemic stroke who were screened for dysphagia before taking any food, fluids or medication (including aspirin) by mouth.

RATIONALE

The priority aim addressed by this measure is to increase the percentage of patients who are at risk for aspiration who receive early swallow evaluation.

PRIMARY CLINICAL COMPONENT

Ischemic stroke; dysphagia screening

DENOMINATOR DESCRIPTION

Number of all patients screened for acute ischemic stroke

NUMERATOR DESCRIPTION

Number of patients who were screened for dysphagia before taking any food, fluids or medication (including aspirin) by mouth

Evidence Supporting the Measure**EVIDENCE SUPPORTING THE CRITERION OF QUALITY**

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

Evidence Supporting Need for the Measure**NEED FOR THE MEASURE**

Unspecified

State of Use of the Measure**STATE OF USE**

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use**CARE SETTING**

Hospitals

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Advanced Practice Nurses
Nurses
Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 18 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component**INCIDENCE/PREVALENCE**

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories**IOM CARE NEED**

Getting Better

IOM DOMAIN

Effectiveness

Data Collection for the Measure**CASE FINDING**

Users of care only

DESCRIPTION OF CASE FINDING

Adults patients (18 years and older) initially presenting with acute symptoms of ischemic stroke

Concurrent and retrospective data collection through administrative data/claims data and medical record

Data may be collected monthly or quarterly. For the Joint Commission (TJC) primary stroke center certification, data reporting is quarterly with monthly data points.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of all patients screened for acute ischemic stroke

Exclusions

Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Clinical Condition
Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of patients who were screened for dysphagia before taking any food, fluids or medication (including aspirin) by mouth

Exclusions

Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage with ischemic stroke who undergo evidence-based bedside testing protocol approved by the hospital before giving any food, fluids or medication by mouth.

MEASURE COLLECTION

[Diagnosis and Initial Treatment of Ischemic Stroke](#)

DEVELOPER

Institute for Clinical Systems Improvement

FUNDING SOURCE(S)

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COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE

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No work group members have potential conflicts of interest to disclose.

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2009 Jun

MEASURE STATUS

This is the current release of the measure.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and initial treatment of ischemic stroke. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Jun. 63 p. [168 references]

MEASURE AVAILABILITY

The individual measure, "Percentage with Ischemic Stroke Who Undergo Evidence-based Bedside Testing Protocol Approved by the Hospital Before Giving Any Food, Fluids or Medication by Mouth," is published in "Health Care Guideline: Diagnosis and Initial Treatment of Ischemic Stroke." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

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NQMC STATUS

This NQMC summary was completed by ECRI Institute on November 18, 2009.

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